

[0227] If a pressure touch having a specific pressure value is applied to the icon 629, the controller 180 activates a secret mode. In the secret mode, the display unit 151 outputs a graphic image indicating at least one function corresponding to the icon 629. In this case, execution of the specific application is limited.

[0228] In this embodiment, when a general touch and a pressure touch are applied to a single icon, different functions may be executed. A user may set his or her own function to a specific icon.

[0229] FIG. 14 is a conceptual view illustrating a method of controlling the same function of a mobile terminal in a different manner, based on different information. The function may be executed based on video information output to the display unit 151.

[0230] Referring to FIGS. 14(a) and 14(b), the controller 180 outputs a payment screen 635. The payment screen 635 includes different information on the amount of money.

[0231] If amount information corresponds to a small amount of money based on a specific reference, the controller 180 executes a payment function based on a general touch applied to the payment screen 635. However, if amount information corresponds to a large amount of money based on the specific reference, the controller 180 does not execute the payment function even if a general touch is applied to the payment screen 635.

[0232] If a pressure touch is applied to the payment screen 635, the controller 180 executes the payment function. If the pressure touch is applied to the payment screen 635, the display unit 151 may output an indicator 703 indicating an intensity of the pressure touch or a time point when the pressure touch has been applied. If the pressure touch satisfies a preset reference, the controller 180 terminates the payment function.

[0233] In this embodiment, if the same function has different information, the function may be executed based on a different type of touch input. For instance, the controller 180 may control a function to be executed only based on a pressure touch, if a user's risk due to information may be caused.

[0234] Various embodiments may be implemented using a machine-readable medium having instructions stored thereon for execution by a processor to perform various methods presented herein. Examples of possible machine-readable mediums include HDD(Hard Disk Drive), SSD(Solid State Disk), SDD(Silicon Disk Drive), ROM, RAM, CD-ROM, a magnetic tape, a floppy disk, an optical data storage device, the other types of storage mediums presented herein, and combinations thereof. If desired, the machine-readable medium may be realized in the form of a carrier wave (for example, a transmission over the Internet). The processor may include the controller 1800 of the mobile terminal.

[0235] As the present features may be embodied in several forms without departing from the characteristics thereof, it should also be understood that the above-described embodiments are not limited by any of the details of the foregoing description, unless otherwise specified, but rather should be construed broadly within its scope as defined in the appended claims, and therefore all changes and modifications that fall within the metes and bounds of the claims, or equivalents of such metes and bounds are therefore intended to be embraced by the appended claims.

What is claimed is:

1. A wearable watch-type mobile terminal, comprising:
  - a terminal body;
  - a sensor unit located at the terminal body and including:
    - a light emitting portion for emitting light; and
    - a light receiving portion for sensing reflected light; and
  - a controller configured to:
    - cause the light emitting portion to emit light of first intensity at first time intervals;
    - cause the light emitting portion to emit light of second intensity at second time intervals occurring between the first time intervals;
    - calculate a pressure value of a touch applied to the terminal body based on an amount of light incident on the light receiving portion; and
    - generate a specific control command based on the pressure value.
2. The watch-type mobile terminal of claim 1, wherein the controller is further configured to:
  - determine whether the watch-type mobile terminal is worn on a wrist of a user;
  - control the second intensity and an output duration of the light of the second intensity based on information about a skin color of the user.
3. The watch-type mobile terminal of claim 2, wherein the controller is further configured to control the second intensity based on an amount of light reflected from skin of the user and sensed by the light receiving portion.
4. The watch-type mobile terminal of claim 3, wherein the controller is further configured to control the second intensity and the output duration based on whether the amount of the reflected light is between a preset minimum amount and a preset maximum amount.
5. The watch-type mobile terminal of claim 2, further comprising a memory,
  - wherein the controller is further configured to:
    - cause the memory to store a plurality of images corresponding to skin colors, and a plurality of reference information related with intensity of light and an output duration of light; and
    - control the second intensity and the output duration based on reference information corresponding to one selected from the plurality of images.
6. The watch-type mobile terminal of claim 5, further comprising a display,
  - wherein the controller is further configured to:
    - cause the display to selectively output part of the plurality of images; and
    - control the second intensity and the output duration based on a control command received while the part of the plurality of images is output via the display.
7. The watch-type mobile terminal of claim 2, further comprising a display,
  - wherein the controller is further configured to control the second intensity and the output duration based on a change of an amount of the reflected light sensed by the light receiving portion while a touch is being applied to the display.
8. The watch-type mobile terminal of claim 7, wherein the controller is further configured to cause the display to output a guide image for guiding application of the touch with a minimum pressure or a maximum pressure.
9. The watch-type mobile terminal of claim 1, wherein the controller is further configured to: